



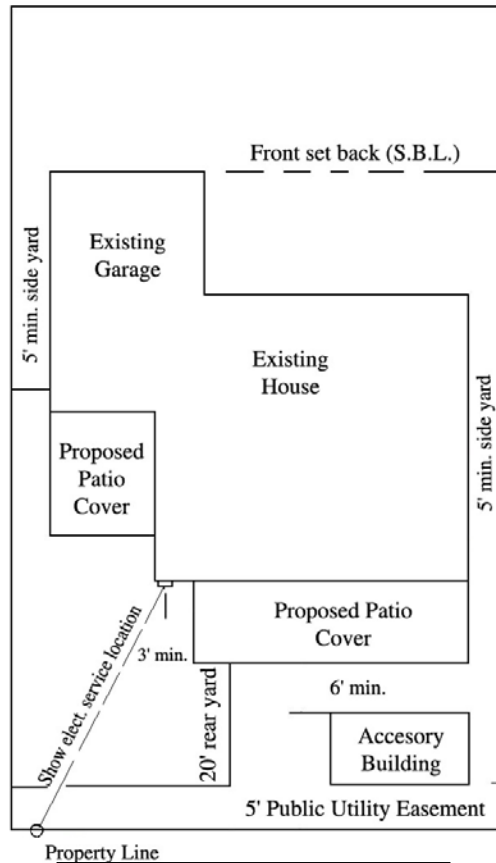
**City of Santa Clara
Building Inspection Division**

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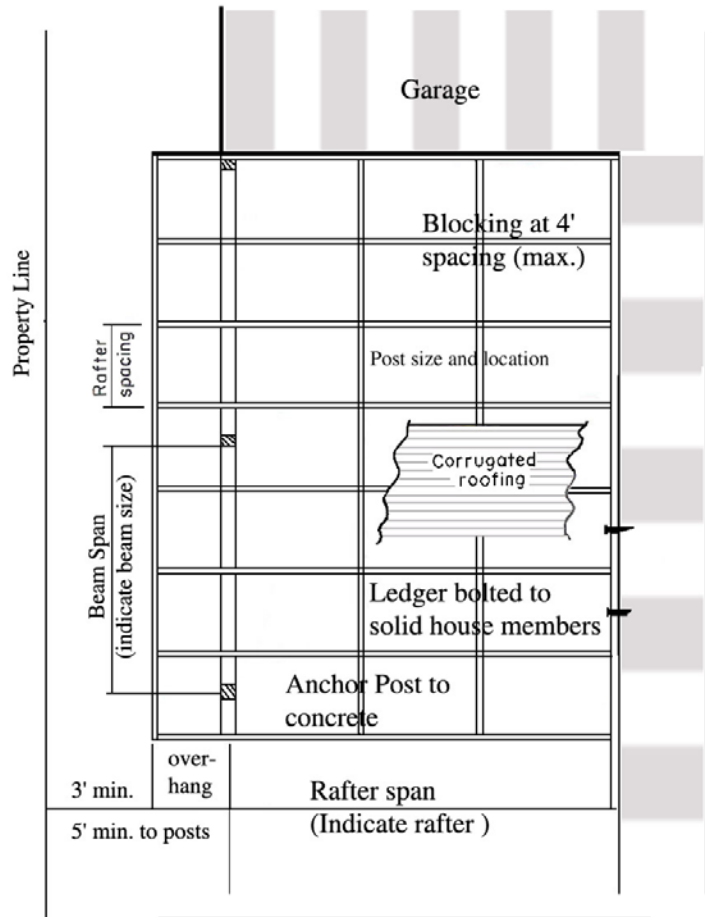
PATIO COVER INSTALLATIONS

October 28, 2005

PATIO COVER INSTALLATIONS



SAMPLE PLOT PLAN



SAMPLE FRAMING DETAILS

ALLOWABLE RAFTER SPANS		
Rafter sizes	Spacing	
	16" O.C.	24" O.C.
2" x 4"	10' - 2"	9' - 0"
2" x 6"	17' - 4"	15' - 2"
2" x 8"	22' - 10"	20' - 0"

ALLOWABLE BEAM SPANS							
Beam sizes	To Support Rafter Length of = (Inclue overhang)						
	8'	10'	12'	14'	16'	18'	20'
4" x 4"	9' - 5"	8' - 10"	8' - 5"	8' - 0"	7' - 9"	7' - 6"	7' - 3"
4" x 6"	14' - 9"	13' - 11"	13' - 2"	12' - 7"	12' - 2"	11' - 8"	11' - 4"
4" x 8"	19' - 6"	18' - 7"	17' - 5"	16' - 8"	16' - 0"	15' - 6"	14' - 11"

Based on 10 lb. Live load and 2 lbs dead load - Refer to U.B.C. for all other roofing materials.

Building Permits are required for all patio structures – Submit three sets of plans, minimum size 11" x 17" showing:

1. Plot Plan – showing location of new construction, and also location of all other buildings on the lot. This plot plan should show all front, side and rear setback distances, and distances between buildings, and all easements.
2. Framing Details – showing sizes and spacing of rafters, beams and posts to be used. Also show connections to footings and house.

Separate electrical permit may be necessary where electrical work will be done.